

Exhibit E. Selected files from cbl/075 directory (date stamped before January 21, 1998)

```
<!-- acatalog.dtd   Version:  0.8 -->
<!-- Purpose:  provide simplest whole catalog -->
<!-- Terry Allen  17 Jan 1998 -->
<!-- Copyright 1998 CNgroup, Inc. -->

<!ENTITY % comments SYSTEM "comments.mod">
%comments;

<!ENTITY % pointers SYSTEM "pointers.mod">
%pointers;

<!ELEMENT catalog (meta?, catalog.operator.pointer,
    payment.method.set.pointer, shipment.method.set.pointer,
    catalog.entry.pointer+)>
<!-- ATTLIST catalog
    %common.attrib;
    %ttl.attrib;
-->
```

```

<!-- addresso.mod   Version:  0.8 -->
<!-- Purpose:  group address information primitives -->
<!-- Terry Allen  17 Jan 1998 -->
<!-- Copyright 1998 CNgroup, Inc. -->

<!ENTITY % country.subentity
    "country.subentity.us | country.subentity.jp
    | country.subentity.other"
>

<!ELEMENT ship.to.address (address.set)>
<!ATTLIST ship.to.address
    %ttl.attrib;
    %common.attrib;
>

<!ELEMENT ship.from.address (address.set)>
<!ATTLIST ship.from.address
    %ttl.attrib;
    %common.attrib;
>

<!ELEMENT bill.to.address (address.set)>
<!ATTLIST bill.to.address
    %ttl.attrib;
    %common.attrib;
>

<!ELEMENT address.set (physical.address*, telephone*,
    fax*, email*, web*)>
<!ATTLIST address.set
    %common.attrib;
    %ttl.attrib;
    schema:edifact CDATA #FIXED "contact"
    where (work | home)  "work"
>

<!ELEMENT telephone (telephone.number, telephone.extension?)>
<!ATTLIST telephone
    %common.attrib;
    %ttl.attrib;
    schema:edifact CDATA #FIXED "telephone"
    type (fixed | mobile | pager)  "fixed"
>

<!ELEMENT telephone.number (#PCDATA)>
<!ATTLIST telephone.number
    %common.attrib;
    %ttl.attrib;
    schema:edifact CDATA #FIXED "telephone"
>

<!ELEMENT telephone.extension (#PCDATA)>
<!ATTLIST telephone.extension
    %common.attrib;
    %ttl.attrib;

```

```

>

<!--ELEMENT fax (#PCDATA)>
<!--ATTLIST fax
    %common.attrib;
    %ttl.attrib;
    schema:edifact CDATA #FIXED "fax"
>

<!--ELEMENT email (#PCDATA)>
<!--ATTLIST email
    %common.attrib;
    %ttl.attrib;
    schema:edifact CDATA #FIXED "email"
>

<!--ELEMENT web (%xll.or.urn;)>
<!--ATTLIST web
    %common.attrib;
    %ttl.attrib;
    cblpointer CDATA #FIXED "outside"
>

<!--ELEMENT physical.address (pobox?,
    (building.sublocation?, location.in.street, street)?,
    city, city.subentity?, (%country.subentity;)?,
    postcode?, country?)>
<!--ATTLIST physical.address
    %ttl.attrib;
    %common.attrib;
>

<!--ELEMENT pobox (#PCDATA)>
<!--ATTLIST pobox
    %common.attrib;
    schema:edifact CDATA #FIXED "pobox"
>

<!--ELEMENT building.sublocation (%multilingual;)*>
<!--ATTLIST building.sublocation
    %common.attrib;
>

<!--ELEMENT location.in.street (#PCDATA)>
<!--ATTLIST location.in.street
    %common.attrib;
    schema:edifact CDATA #FIXED "locationinstreet"
>

<!--ELEMENT street (%multilingual;)*>
<!--ATTLIST street
    %common.attrib;
    schema:edifact CDATA #FIXED "street"
>

<!--ELEMENT city (%multilingual;)*>
<!--ATTLIST city

```

```

    %common.attrib;
    schema:edifact          CDATA #FIXED "city"
    schema:jisx0402         CDATA #IMPLIED
>

<!--ELEMENT city.subentity (%multilingual;)*-->
<!--ATTLIST city.subentity
    %common.attrib;
    schema:edifact CDATA #FIXED "citysubentity"
-->

<!--ELEMENT country (#PCDATA)-->
<!--ATTLIST country
    %common.attrib;
    schema:edifact CDATA #FIXED "country"
-->

<!--ELEMENT country.subentity.us (#PCDATA)-->
<!--ATTLIST country.subentity.us
    %common.attrib;
    schema:edifact CDATA #FIXED "countrysubentity"
-->

<!--ELEMENT country.subentity.jp (#PCDATA)-->
<!--ATTLIST country.subentity.jp
    %common.attrib;
    schema:edifact CDATA #FIXED "countrysubentity"
-->

<!--ELEMENT country.subentity.other (#PCDATA)-->
<!--ATTLIST country.subentity.other
    %common.attrib;
    schema:edifact CDATA #FIXED "countrysubentity"
    country.subentity.name CDATA #REQUIRED
-->

<!--ELEMENT postcode (#PCDATA)-->
<!--ATTLIST postcode
    %common.attrib;
    schema:edifact CDATA #FIXED "postcode"
-->

```

```

<!-- catentry.dtd  Version:  0.8 -->
<!-- Purpose:  provide simple catalog entry -->
<!-- Terry Allen  17 Jan 1998 -->
<!-- Copyright 1998 CNgroup, Inc. -->

<!ENTITY % comments SYSTEM "comments.mod">
%comments;

<!ENTITY % pointers SYSTEM "pointers.mod">
%pointers;

<!ENTITY % pay SYSTEM "pay.mod">
%pay;

<!ENTITY % charge SYSTEM "charge.mod">
%charge;

<!ENTITY % inventory SYSTEM "inventory.mod">
%inventory;

<!ELEMENT catalog.entry (meta?, catalog.entry.id,
    manufacturer.pointer?, distributor.pointer?,
    product.description.pointer, min.quantity.per.customer?,
    max.quantity.per.customer?, shipment.set.pointer?,
    payment.method.set.pointer?, charge.group?,
    picture.pointer*)>
<!ATTLIST catalog.entry
    %common.attrib;
    %ttl.attrib;
>

<!ELEMENT min.quantity.per.customer (#PCDATA)>
<!ATTLIST min.quantity.per.customer
    %common.attrib;
>

<!ELEMENT max.quantity.per.customer (#PCDATA)>
<!ATTLIST max.quantity.per.customer
    %common.attrib;
>

<!ELEMENT picture.pointer (xll.locator)>
<!ATTLIST picture.pointer
    %common.attrib;
    %xll.exlink.attrib;
    cblpointer CDATA    #FIXED    "outside"
>

```

```

<!-- cblcat.dtd Version: 0.8 -->
<!-- Purpose: associate local system IDs with URNs -->
<!-- Terry Allen 17 Jan 1998 -->
<!-- developed from storage.dtd, for which the FPI is
      "-//Palm Tree Books//DTD USB-Storage v0.1//EN" -->
<!-- Copyright 1998 CNgroup, Inc. -->

<!ENTITY % comments SYSTEM "comments.mod">
%comments;

<!ELEMENT cblcat (meta?, cblcat.entry.pointer+)>
<!ATTLIST cblcat
      %common.attrib;
>

<!ELEMENT cblcat.entry.pointer (catalog.sysid,
      (url | urn)+)>
<!ATTLIST cblcat.entry.pointer
      %common.attrib;
>

<!ELEMENT catalog.sysid (#PCDATA)>
<!ATTLIST catalog.sysid
      %common.attrib;
>

```

```

<!-- charge.mod   Version:   0.8 -->
<!-- Purpose:   group price, cost information primitives -->
<!-- Terry Allen 17 Jan 1998 -->
<!-- Copyright 1998 CNgroup, Inc. -->

<!ELEMENT charge.group (base.charge,
    charge.adjustment*, total.charge?)>
<!ATTLIST charge.group
    %common.attrib;
    %ttl.attrib;
>

<!ELEMENT base.charge (payment.group)>
<!ATTLIST base.charge
    %common.attrib;
    %ttl.attrib;
    tax.included    (yes | no)    "no"
>

<!ELEMENT charge.adjustment (adjustment.name?, adjustment.id?,
    adjustment.rate?, adjustment.amount?, adjusted.charge?)>
<!ATTLIST charge.adjustment
    %common.attrib;
    %ttl.attrib;
    direction (plus | minus)    #IMPLIED
>

<!ELEMENT adjustment.name (%multilingual;)*>
<!ATTLIST adjustment.name
    %common.attrib;
    %ttl.attrib;
>

<!ELEMENT adjustment.id (#PCDATA)>
<!ATTLIST adjustment.id
    %common.attrib;
    %ttl.attrib;
>

<!ELEMENT adjustment.rate (#PCDATA)>
<!ATTLIST adjustment.rate
    %common.attrib;
    %ttl.attrib;
    rate.basis (percent|other)    "percent"
    adjustment.related.to          CDATA #IMPLIED
>

<!ELEMENT adjustment.amount (payment.group)>
<!ATTLIST adjustment.amount
    %common.attrib;
    %ttl.attrib;
    adjustment.related.to          CDATA #IMPLIED
>

<!ELEMENT adjusted.charge (payment.group)>
<!ATTLIST adjusted.charge

```



```
        %common.attrib;  
        %ttl.attrib;  
>  
  
<!ELEMENT total.charge (payment.group)>  
<!ATTLIST total.charge  
    %common.attrib;  
    %ttl.attrib;  
>  
  
<!ELEMENT charge.range (minimum?, maximum?)>  
<!ATTLIST charge.range  
    %common.attrib;  
    %ttl.attrib;  
>  
  
<!ELEMENT minimum (payment.group)>  
<!ATTLIST minimum  
    %common.attrib;  
    %ttl.attrib;  
>  
  
<!ELEMENT maximum (payment.group)>  
<!ATTLIST maximum  
    %common.attrib;  
    %ttl.attrib;  
>
```

```

<!-- codes.mod Version: 0.8 -->
<!-- Purpose: group sets of code values -->
<!-- Terry Allen 17 Jan 1998 -->
<!-- Copyright 1998 CNgroup, Inc. -->

<!-- ENTITY % country.name.attrib
"country.name (AD | AE | AF | AG | AI | AL | AM | AN
| AO | AQ | AR | AS | AT | AU | AW | AZ
| BA | BB | BD | BE | BF | BG | BH | BI
| BJ | BM | BN | BO | BR | BS | BT | BV
| BW | BY | BZ | CA | CC | CF | CG | CH
| CI | CK | CL | CM | CN | CO | CR | CU
| CV | CX | CY | CZ | DE | DJ | DK | DM
| DO | DZ | EC | EE | EG | EH | ER | ES
| ET | FI | FJ | FK | FM | FO | FR | FX
| GA | GB | GD | GE | GF | GH | GI | GL
| GM | GN | GP | GQ | GR | GS | GT | GU
| GW | GY | HK | HM | HN | HR | HT | HU
| ID | IE | IL | IN | IO | IQ | IR | IS
| IT | JM | JO | JP | KE | KG | KH | KI
| KM | KN | KP | KR | KW | KY | KZ | LA
| LB | LC | LI | LK | LR | LS | LT | LU
| LV | LY | MA | MC | MD | MG | MH | ML
| MM | MN | MO | MP | MQ | MR | MS | MT
| MU | MV | MW | MX | MY | MZ | NA | NC
| NE | NF | NG | NI | NL | NO | NP | NR
| NT | NU | NZ | OM | PA | PE | PF | PG
| PH | PK | PL | PM | PN | PR | PT | PW
| PY | QA | RE | RO | RU | RW | SA | SB
| SC | SD | SE | SG | SH | SI | SJ | SK
| SL | SM | SN | SO | SR | ST | SV | SY
| SZ | TC | TD | TF | TG | TH | TJ | TK
| TM | TN | TO | TP | TR | TT | TV | TW
| TZ | UA | UG | UM | US | UY | UZ | VA
| VC | VE | VG | VI | VN | VU | WF | WS
| YE | YT | YU | ZA | ZM | ZR | ZW) #REQUIRED"
>

<!-- ENTITY % country.subentity.us.name.attrib
"country.subentity.us.name
(AK | AL | AR | AZ | CA | CO
| CT | DC | DE | GA | FL
| HI | IA | ID | IL | IN
| KA | KY | LA | MA | MD
| ME | MI | MN | MO | MS
| MT | NB | NC | ND | NH
| NJ | NM | NV | NY | OH
| OK | OR | PA | RI | SC
| SD | TN | TX | UT | VA
| VT | WA | WI | WV | WY) #REQUIRED"
>

<!-- ENTITY % country.subentity.jp.name.attrib
"country.subentity.jp.name
(01 | 02 | 03 | 04 | 05 | 06
| 07 | 08 | 09 | 10 | 11 | 12 | 13

```

```
| 14 | 15 | 16 | 17 | 18 | 19 | 20  
| 21 | 22 | 23 | 24 | 25 | 26 | 27  
| 28 | 29 | 30 | 31 | 32 | 33 | 34  
| 35 | 36 | 37 | 38 | 39 | 40 | 41  
> | 42 | 43 | 44 | 45 | 46 | 47) #REQUIRED"
```

```

<!-- command.dtd  Version:  0.8 -->
<!-- Purpose:  group command information -->
<!-- Terry Allen  17 Jan 1998 -->
<!-- Copyright 1998 CNgroup, Inc. -->

<!ENTITY % comments SYSTEM "comments.mod">
%comments;

<!ENTITY % pointers SYSTEM "pointers.mod">
%pointers;

<!ENTITY % command
    "convey.info | register.document | unregister.document
    | register.service | unregister.service | request.info"
>

<!ELEMENT command.set (meta?, authorization.info.pointer*,
    (%command;), command.target)>
<!ATTLIST command.set
    %common.attrib;
>

<!ELEMENT convey.info EMPTY>
<!ATTLIST convey.info
    %common.attrib;
    %party.attrib;
>

<!ELEMENT register.document EMPTY>
<!ATTLIST register.document
    %common.attrib;
    %party.attrib;
>

<!ELEMENT unregister.document EMPTY>
<!ATTLIST unregister.document
    %common.attrib;
    %party.attrib;
>

<!ELEMENT register.service EMPTY>
<!ATTLIST register.service
    %common.attrib;
    %party.attrib;
>

<!ELEMENT unregister.service EMPTY>
<!ATTLIST unregister.service
    %common.attrib;
    %party.attrib;
>

<!ELEMENT request.info EMPTY>
<!ATTLIST request.info
    %common.attrib;
    %party.attrib;
>

```

```
>  
<!ELEMENT command.target (%xll.or.urn;)>  
<!ATTLIST command.target  
    %common.attrib;  
>
```

```

<!-- commatts.mod   Version:  0.8 -->
<!-- Purpose:  group declarations for common attributes -->
<!-- Terry Allen  17 Jan 1998 -->
<!-- Copyright 1998 CNgroup, Inc. -->

```

```

<!ENTITY lt  "&#60;">
<!ENTITY gt  "&#62;">
<!ENTITY amp  "&#38;">
<!ENTITY apos  "&#39;">
<!ENTITY quot  "&#34;">

```

```

<!ENTITY % lang.attrib.implied
    "lang CDATA #IMPLIED"
>

```

```

<!ENTITY % lang.attrib.required
    "lang CDATA #REQUIRED"
>

```

```

<!ENTITY % script.attrib
    "script CDATA #IMPLIED"
>

```

```

<!ENTITY % altrep.attrib
    "altrep.pointer CDATA #IMPLIED"
>

```

```

<!ENTITY % urn.attrib.implied
    "urn CDATA #IMPLIED"
>

```

```

<!ENTITY % ident.attrib.implied
    "ident CDATA #IMPLIED"
>

```

```

<!ENTITY % ident.attrib.required
    "ident CDATA #REQUIRED"
>

```

```

<!ENTITY % changed.by.party.attrib
    "changed.by.party CDATA #IMPLIED"
>

```

```

<!ENTITY % disagree.party.attrib
    "disagree.party CDATA #IMPLIED"
>

```

```

<!ENTITY % agree.party.attrib
    "agree.party CDATA #IMPLIED"
>

```

```

<!ENTITY % prefer.party.attrib
    "prefer.party CDATA #IMPLIED"
>

```

```

<!ENTITY % common.attrib

```

```

"%lang.attrib.implied;
%script.attrib;
%altrep.attrib;
%ident.attrib.implied;
%urn.attrib.implied;
%changed.by.party.attrib;
%disagree.party.attrib;
%agree.party.attrib;
%prefer.party.attrib;"

>

<!ENTITY % common.attrib.ident.required
"%lang.attrib.implied;
%script.attrib;
%altrep.attrib;
%ident.attrib.required;
%urn.attrib.implied;"
>

<!ENTITY % mime.type.attrib "mime.type CDATA #IMPLIED">

<!ENTITY % party.attrib "party CDATA #IMPLIED">
<!ENTITY % assigned.by.party.attrib "assigned.by.party CDATA #REQUIRED">
<!ENTITY % from.party.attrib "from.party CDATA #IMPLIED">
<!ENTITY % to.party.attrib "to.party CDATA #IMPLIED">
<!ENTITY % owner.party.attrib "owner.party CDATA #IMPLIED">
<!ENTITY % in.possession.of.party.attrib "in.possession.of.party CDATA
#IMPLIED">
<!ENTITY % to.deliver.to.party.attrib "to.deliver.to.party CDATA #IMPLIED">

<!ENTITY % schema.name.attrib "schema.name CDATA #IMPLIED">

```

```

<!-- commelem.mod   Version:  0.1 -->
<!-- Purpose:  group declarations for common elements -->
<!-- Terry Allen  17 Jan 1998 -->
<!-- Copyright 1998 CNgroup, Inc. -->

```

```

<!ENTITY % xll.attnames.attrib
  "XML-ATTRIBUTES      CDATA #FIXED
  'HREF      urllink
  SHOW      XLL-SHOW
  ACTUATE      XLL-ACTUATE
  BEHAVIOR XLL-BEHAVIOR
  XML-LINK XLL-LINK'"
>

```

```

<!ENTITY % xll.exlink.attrib
  '%xll.attnames.attrib;
  XLL-LINK CDATA #FIXED      "EXTENDED"
  XLL-SHOW CDATA #FIXED      "EMBED"
  XLL-ACTUATE CDATA #FIXED      "USER"
  XLL-BEHAVIOR CDATA #FIXED      "EMBED"'
>

```

```

<!ENTITY % xll.loclink.attrib
  '%xll.attnames.attrib;
  XLL-LINK CDATA #FIXED      "LOCATOR"
  XLL-SHOW CDATA #FIXED      "EMBED"
  XLL-ACTUATE CDATA #FIXED      "USER"
  XLL-BEHAVIOR CDATA #FIXED      "EMBED"'
>

```

```

<!ENTITY % xll.or.urn "xll.locator | urn.reference" >

```

```

<!ELEMENT xll.locator (#PCDATA)>
<!ATTLIST xll.locator
  %common.attrib;
  %xll.loclink.attrib;
  urllink CDATA #REQUIRED
>

```

```

<!ELEMENT urn.reference (#PCDATA)>
<!ATTLIST urn.reference
  %common.attrib;
  urnlink CDATA #REQUIRED
  xll.frag.extender CDATA #IMPLIED
>

```

```

<!ELEMENT language.alternatives (phrase+)>
<!ATTLIST language.alternatives
  %common.attrib;
>

```

```

<!ELEMENT language.multiples (phrase+)>
<!ATTLIST language.multiples
  %common.attrib;
>

```



```

<!ELEMENT phrase (#PCDATA)>
<!ATTLIST phrase
    %common.attrib;
>

<!ENTITY % multilingual "#PCDATA | phrase | language.alternatives
    | language.multiples" >

<!ELEMENT xll.xptr.frag (#PCDATA)>
<!ATTLIST xll.xptr.frag
    %common.attrib;
>

<!ELEMENT url (#PCDATA)>
<!ATTLIST url
    %common.attrib;
>

<!ELEMENT urn (#PCDATA)>
<!ATTLIST urn
    %common.attrib;
>

<!ELEMENT text.description (%multilingual;)*>
<!ATTLIST text.description
    %common.attrib;
>

```

```
<!-- comments.mod Version: 0.1 -->
<!-- Purpose: groups commonly called modules -->
<!-- Terry Allen 17 Jan 1998 -->
<!-- Copyright 1998 CNgroup, Inc. -->

<!ENTITY % commona SYSTEM "commatts.mod">
%commona;

<!ENTITY % commone SYSTEM "commelem.mod">
%commone;

<!ENTITY % ttl SYSTEM "ttlattri.mod">
%ttl;

<!ENTITY % datetime SYSTEM "datetime.mod">
%datetime;

<!ENTITY % meta SYSTEM "meta.mod">
%meta;

<!ENTITY % ids SYSTEM "ids.mod">
%ids;
```

```

<!-- datetime.mod   Version:   0.8 -->
<!-- Purpose:   group date and time information primitives -->
<!-- Terry Allen  17 Jan 1998-->
<!-- Copyright 1998 CNgroup, Inc. -->
<!-- checked against ISO 8601:1988(E) 26 Nov 1997 by Terry Allen -->

<!--ELEMENT year (#PCDATA)>
<!--ATTLIST year
      schema:iso8601 CDATA #FIXED "3.8 Gregorian calendar"
>

<!--ELEMENT month (#PCDATA)>
<!--ATTLIST month
      schema:iso8601 CDATA #FIXED "3.12 month, calendar"
>

<!--ELEMENT quarter (#PCDATA)>
<!--ATTLIST quarter
>

<!--ELEMENT date.calendar (#PCDATA)>
<!--ATTLIST date.calendar
      schema:iso8601 CDATA #FIXED "3.3 date, calendar"
>

<!--ELEMENT date.ordinal (#PCDATA)>
<!--ATTLIST date.ordinal
      schema:iso8601 CDATA #FIXED "5.2.2 ordinal date"
>

<!--ELEMENT time (#PCDATA)>
<!--ATTLIST time
      schema:iso8601 CDATA #FIXED "5.3 time of the day"
>

<!--ELEMENT utc (#PCDATA)>
<!--ATTLIST utc
      schema:iso8601 CDATA #FIXED "5.3.3 coordinated universal time"
>

<!--ELEMENT week (#PCDATA)>
<!--ATTLIST week
      schema:iso8601 CDATA #FIXED "5.2.3 week"
>

<!--ELEMENT week.and.day (#PCDATA)>
<!--ATTLIST week.and.day
      schema:iso8601 CDATA #FIXED "5.2.3 date identified by
      calendar week and day numbers"
>

<!--ELEMENT date.and.time (#PCDATA)>
<!--ATTLIST date.and.time
      schema:edifact CDATA #FIXED "dateandtime"
      schema:iso8601 CDATA #FIXED      "5.4 combination of date and
      time of the day"

```

```
>

<!ELEMENT hour (#PCDATA)>
<!ATTLIST hour
  schema:iso8601 CDATA #FIXED "3.9 hour"
>

<!ELEMENT minute (#PCDATA)>
<!ATTLIST minute
  schema:iso8601 CDATA #FIXED "3.11 minute"
>

<!ELEMENT second (#PCDATA)>
<!ATTLIST second
  schema:iso31 CDATA #FIXED "TBS"
>

<!ELEMENT duration (#PCDATA)>
<!ATTLIST duration
  schema:iso8601 CDATA #FIXED "5.5.3.2 duration of time"
>
```

```

<!-- guide.dtd   Version:  0.8 -->
<!-- Purpose:   group negotiation guide information -->
<!-- Terry Allen 17 Jan 1998 -->
<!-- Copyright 1997 CNgroup, Inc. -->

<!ENTITY % comments SYSTEM "comments.mod">
%comments;

<!ENTITY % pointers SYSTEM "pointers.mod">
%pointers;

<!ENTITY % negotiation.step.content "initiate | conclude | cancel
    | advance | modify | failure">

<!ENTITY % cbl.component
    "request.for.quote.component | request.for.info.component
    | response.component | market.description.component
    | catalogue.entry.component | catalogue.component
    | schedule.component | inventory.set.component
    | offer.to.sell.component
    | market.participant.info.component | shopping.cart.component
    | order.component | invoice.component
    | payment.notice.component | shipment.notice.component
    | service.description.component | server.metadata.component
    | confirm.component
    | acknowledge.previous.component | escape.component"
>

<!ELEMENT guide (meta?, negotiation.identifier*,
    authorization.info.pointer*,
    negotiation.step, process.model)>
<!ATTLIST guide
    %common.attrib;
>

<!ELEMENT negotiation.identifier (#PCDATA)>
<!ATTLIST negotiation.identifier
    %common.attrib;
    %party.attrib;
>

<!ELEMENT negotiation.step (%negotiation.step.content;)>
<!ATTLIST negotiation.step
    %common.attrib;
    %party.attrib;
>

<!ELEMENT initiate EMPTY>
<!ATTLIST initiate
    %common.attrib;
>

<!ELEMENT conclude EMPTY>
<!ATTLIST conclude
    %common.attrib;
>

```

```

<!ELEMENT advance EMPTY>
<!ATTLIST advance
    %common.attrib;
>

<!ELEMENT cancel EMPTY>
<!ATTLIST cancel
    %common.attrib;
>

<!ELEMENT failure EMPTY>
<!ATTLIST failure
    %common.attrib;
>

<!ELEMENT modify (modification.set.pointer*)>
<!ATTLIST modify
    %common.attrib;
    %party.attrib;
>

<!ELEMENT cbl.component.group (%cbl.component;)+>
<!ATTLIST cbl.component.group
    %common.attrib;
    %party.attrib;
>

<!ENTITY % cbl.component.or.group
    "%cbl.component; | cbl.component.group"
>

<!ELEMENT process.model ((%cbl.component.or.group;)*, we.are.here,
    (%cbl.component.or.group;)*)>
<!ATTLIST process.model
    %common.attrib;
>

<!ENTITY % component.attrib
    "schema.name (cbl | noncbl) 'cbl'"
>

<!ENTITY % cbl.component.contents
    "document.pointer*, originating.party?, receiving.party*"
>

<!ELEMENT originating.party (market.participant.info.pointer)>
<!ATTLIST originating.party
    %common.attrib;
>

<!ELEMENT receiving.party (market.participant.info.pointer)>
<!ATTLIST receiving.party
    %common.attrib;
>

<!ELEMENT confirm.component (%cbl.component.contents;)>

```

```

<!ATTLIST confirm.component
  %common.attrib;
  %component.attrib;
  %party.attrib;
  confirming CDATA #REQUIRED
>

<!ELEMENT acknowledge.previous.component (%cbl.component.contents;)>
<!ATTLIST acknowledge.previous.component
  %common.attrib;
  %component.attrib;
  %party.attrib;
>

<!ELEMENT request.for.quote.component (%cbl.component.contents;)>
<!ATTLIST request.for.quote.component
  %common.attrib;
  %component.attrib;
  %party.attrib;
>

<!ELEMENT request.for.info.component (%cbl.component.contents;)>
<!ATTLIST request.for.info.component
  %common.attrib;
  %component.attrib;
  %party.attrib;
>

<!ELEMENT response.component (%cbl.component.contents;)>
<!ATTLIST response.component
  %common.attrib;
  %component.attrib;
  %party.attrib;
>

<!ELEMENT offer.to.sell.component (%cbl.component.contents;)>
<!ATTLIST offer.to.sell.component
  %common.attrib;
  %component.attrib;
  %party.attrib;
>

<!ELEMENT catalogue.entry.component (%cbl.component.contents;)>
<!ATTLIST catalogue.entry.component
  %common.attrib;
  %component.attrib;
  %party.attrib;
>

<!ELEMENT catalogue.component (%cbl.component.contents;)>
<!ATTLIST catalogue.component
  %common.attrib;
  %component.attrib;
  %party.attrib;
>

<!ELEMENT schedule.component (%cbl.component.contents;)>

```

```

<!ATTLIST schedule.component
    %common.attrib;
    %component.attrib;
    %party.attrib;
>

<!ELEMENT market.participant.info.component (%cbl.component.contents;)>
<!ATTLIST market.participant.info.component
    %common.attrib;
    %component.attrib;
    %party.attrib;
>

<!ELEMENT shopping.cart.component (%cbl.component.contents;)>
<!ATTLIST shopping.cart.component
    %common.attrib;
    %component.attrib;
    %party.attrib;
>

<!ELEMENT order.component (%cbl.component.contents;)>
<!ATTLIST order.component
    %common.attrib;
    %component.attrib;
    %party.attrib;
>

<!ELEMENT invoice.component (%cbl.component.contents;)>
<!ATTLIST invoice.component
    %common.attrib;
    %component.attrib;
    %party.attrib;
>

<!ELEMENT payment.notice.component (%cbl.component.contents;)>
<!ATTLIST payment.notice.component
    %common.attrib;
    %component.attrib;
    %party.attrib;
>

<!ELEMENT shipment.notice.component (%cbl.component.contents;)>
<!ATTLIST shipment.notice.component
    %common.attrib;
    %component.attrib;
    %party.attrib;
>

<!ELEMENT service.description.component (%cbl.component.contents;)>
<!ATTLIST service.description.component
    %common.attrib;
    %component.attrib;
    %party.attrib;
>

<!ELEMENT server.metadata.component (%cbl.component.contents;)>

```



```

<!--ATTLIST server.metadata.component
    %common.attrib;
    %component.attrib;
    %party.attrib;
>

<!--ELEMENT market.description.component (%cbl.component.contents;)>
<!--ATTLIST market.description.component
    %mime.type.attrib;
    %common.attrib;
    %component.attrib;
    %party.attrib;
>

<!--ELEMENT inventory.set.component (%cbl.component.contents;)>
<!--ATTLIST inventory.set.component
    %mime.type.attrib;
    %common.attrib;
    %component.attrib;
    %party.attrib;
>

<!--ELEMENT escape.component (%cbl.component.contents;)>
<!--ATTLIST escape.component
    %mime.type.attrib;
    %common.attrib;
    %component.attrib;
    %party.attrib;
>

<!--ELEMENT we.are.here EMPTY>
<!--ATTLIST we.are.here
    %common.attrib;
    %party.attrib;
>

```

```
<!-- ids.mod Version: 0.1 -->
<!-- Purpose: group ID elements used in more than one DTD -->
<!-- Terry Allen 17 Jan 1998 -->
<!-- Copyright 1998 CNgroup, Inc. -->

<!ELEMENT catalog.entry.id (#PCDATA)>
<!-- ATTLIST catalog.entry.id
      %common.attrib;
-->
```

```

<!-- infodesc.mod   Version:   0.6.2 -->
<!-- Purpose:   supply structure for all descriptions of information found in
      CBL XML documents -->
<!-- Terry Allen  29 Nov 1997 -->
<!-- Copyright 1997 CNgrouop, Inc. -->

<!ENTITY % infodesc.or.set
      "(info.description | info.description.set)"
>

<!ELEMENT info.description.set (%infodesc.or.set;,
      ((and, %infodesc.or.set;)*
       | (or, %infodesc.or.set;)*
       | (not, %infodesc.or.set;))
)>
<!ATTLIST info.description.set
      %common.attrib;
>

<!ELEMENT and EMPTY>
<!ATTLIST and
      %common.attrib;
>

<!ELEMENT or EMPTY>
<!ATTLIST or
      %common.attrib;
>

<!ELEMENT not EMPTY>
<!ATTLIST not
      %common.attrib;
>

<!ELEMENT info.description (xml.descriptor | nonxml.descriptor
      | urn.reference | regexp | range)>
<!ATTLIST info.description
      %common.attrib;
>

<!ELEMENT xml.descriptor (doctype, xml.descriptor.details)>
<!ATTLIST xml.descriptor
      %common.attrib;
>

<!ELEMENT nonxml.descriptor (%xll.or.urn;)>
<!ATTLIST nonxml.descriptor
      %common.attrib;
      cblpointer CDATA      #FIXED      "outside"
>

<!ELEMENT regexp (#PCDATA)>
<!ATTLIST regexp
      %common.attrib;
>

```

```

<!ELEMENT doctype (dtd)>
<!ATTLIST doctype
    %common.attrib;
>

<!ELEMENT dtd EMPTY>
<!ATTLIST dtd
    systemid CDATA #IMPLIED
    publicid CDATA #IMPLIED
    %common.attrib;
>

<!ELEMENT xml.descriptor.details (xml.descriptor.context?,
    (xll.xptr.frag | xml.other.descriptor))>
<!ATTLIST xml.descriptor.details
    %common.attrib;
>

<!ELEMENT xml.descriptor.context EMPTY>
<!ATTLIST xml.descriptor.context
    %common.attrib;
    xll.link.traverse (none | all | all.recurse) "all.recurse"
>

<!ELEMENT xml.other.descriptor (#PCDATA)>
<!ATTLIST xml.other.descriptor
    %common.attrib;
    type CDATA #REQUIRED
>

<!ELEMENT range (range.parameter, range.parameter, range.parameter*)>
<!ATTLIST range
    %schema.name.attrib;
    %common.attrib;
>

<!ELEMENT range.parameter (#PCDATA)>
<!ATTLIST range.parameter
    range.type (integer | decimal | nonnumeric) "decimal"
    schema.mapping CDATA #IMPLIED
    %common.attrib;
>

```

```

<!-- inventory.mod Version: 0.8 -->
<!-- Purpose: provide inventory information -->
<!-- Terry Allen 17 Jan 1998 -->
<!-- Copyright 1998 CNgroup, Inc. -->

<!ELEMENT inventory.item (product.description.id,
    product.choice?)>
<!ATTLIST inventory.item
    %common.attrib;
    %ttl.attrib;
    %owner.party.attrib;
    %in.possession.of.party.attrib;
    %to.deliver.to.party.attrib;
>

<!ELEMENT inventory.item.set (inventory.item,
    present.location?, quantity.in.stock?)>
<!ATTLIST inventory.item.set
    %common.attrib;
    %ttl.attrib;
>

<!ELEMENT product.description.id (#PCDATA)>
<!ATTLIST product.description.id
    %common.attrib;
>

<!ELEMENT product.choice (info.description.set)>
<!ATTLIST product.choice
    %common.attrib;
>

<!ELEMENT present.location (#PCDATA)>
<!ATTLIST present.location
    %common.attrib;
>

<!ELEMENT quantity.in.stock (#PCDATA)>
<!ATTLIST quantity.in.stock
    %common.attrib;
>

```

```

<!-- invoiceo.dtd Version: 0.8 -->
<!-- Purpose: describe an invoice -->
<!-- Terry Allen 17 Jan 1998 -->
<!-- Copyright 1998 CNgroup, Inc. -->

<!ENTITY % comments SYSTEM "comments.mod">
%comments;

<!ENTITY % charge SYSTEM "charge.mod">
%charge;

<!ENTITY % pay SYSTEM "pay.mod">
%pay;

<!ENTITY % shipment SYSTEM "shipment.mod">
%shipment;

<!ENTITY % address SYSTEM "addresso.mod">
%address;

<!ENTITY % pointers SYSTEM "pointers.mod">
%pointers;

<!ENTITY % transact SYSTEM "transact.mod">
%transact;

<!ELEMENT invoice (meta?, transaction.set)>
<!-- ATTLIST invoice
      %common.attrib;
      %ttl.attrib;
-->

```

```

<!-- irequest.dtd   Version:  0.8 -->
<!-- Purpose:  describe a set of information found in CBL XML documents -->
<!-- Terry Allen  17 Jan 1998 -->
<!-- Copyright 1998 CNgroup, Inc. -->

<!ENTITY % comments SYSTEM "comments.mod">
%comments;

<!ENTITY % infodesc SYSTEM "infodesc.mod">
%infodesc;

<!ELEMENT request.for.info (meta?, return.scope?, resource.type?,
    return.quantity?, info.description.set?)>
<!ATTLIST request.for.info
    %common.attrib;
>

<!ELEMENT return.scope EMPTY>
<!ATTLIST return.scope
    %common.attrib;
    scope (resource | urn | urns | urls | uri | uris
    | meta) "resource"
>

<!ELEMENT resource.type EMPTY>
<!ATTLIST resource.type
    %mime.type.attrib;
    restriction (insist | prefer | any)    #IMPLIED
>

<!ELEMENT return.quantity EMPTY>
<!ATTLIST return.quantity
    %common.attrib;
    quantity (all | maxnumber | maxbytes) "all"
>

```

```

<!-- manifest.dtd Version: 0.8 -->
<!-- Purpose: packing list for MIME message -->
<!-- Based on package.dtd from Terry Allen's
    "Unoptimized SGML-Bundle for MIME" proposal of February
    or March 1997, "-//Palm Tree Books//DTD USB-Package v0.1//EN" -->
<!-- Terry Allen 17 Jan 1998 -->
<!-- Copyright 1997 CNgroup, Inc. -->

<!ENTITY % manifest.ids.attrib
    "cidofpart CDATA #IMPLIED
    urnofentity CDATA #IMPLIED
    cidofentity CDATA #IMPLIED"
>

<!ELEMENT manifest ((mime.docentity.pointer | external.docentity.pointer),
    (mime.sgmldecl.pointer | external.sgmldecl.pointer)*,
    (mime.catalogue.pointer? | external.catalogue.pointer?),
    (mime.dtd.module.pointer | external.dtd.module.pointer)*,
    (mime.other.entity.pointer | external.other.entity.pointer)*)>

<!ELEMENT mime.docentity.pointer EMPTY>
<!ATTLIST mime.docentity.pointer
    %manifest.ids.attrib;
>

<!ELEMENT external.docentity.pointer EMPTY>
<!ATTLIST external.docentity.pointer
    %manifest.ids.attrib;
>

<!ELEMENT mime.sgmldecl.pointer EMPTY>
<!ATTLIST mime.sgmldecl.pointer
    %manifest.ids.attrib;
>

<!ELEMENT external.sgmldecl.pointer EMPTY>
<!ATTLIST external.sgmldecl.pointer
    %manifest.ids.attrib;
>

<!ELEMENT mime.catalogue.pointer EMPTY>
<!ATTLIST mime.catalogue.pointer
    %manifest.ids.attrib;
>

<!ELEMENT external.catalogue.pointer EMPTY>
<!ATTLIST external.catalogue.pointer
    %manifest.ids.attrib;
>

<!ELEMENT mime.dtd.module.pointer EMPTY>
<!ATTLIST mime.dtd.module.pointer
    %manifest.ids.attrib;
>

<!ELEMENT external.dtd.module.pointer EMPTY>

```



```
<!ATTLIST external.dtd.module.pointer
    %manifest.ids.attrib;
>

<!ELEMENT mime.other.entity.pointer EMPTY>
<!ATTLIST mime.other.entity.pointer
    %manifest.ids.attrib;
>

<!ELEMENT external.other.entity.pointer EMPTY>
<!ATTLIST external.other.entity.pointer
    %manifest.ids.attrib;
>
```

```

<!-- markdesc.dtd   Version:  0.8 -->
<!-- Purpose:   describe a marketplace -->
<!-- Terry Allen  17 Jan 1998 -->
<!-- Copyright 1998 CNgroup, Inc. -->

<!ENTITY % comments SYSTEM "comments.mod">
%comments;

<!ENTITY % servprim SYSTEM "servprim.mod">
%servprim;

<!ENTITY % who SYSTEM "who.mod">
%who;

<!ENTITY % address SYSTEM "addresso.mod">
%address;

<!ENTITY % pointers SYSTEM "pointers.mod">
%pointers;

<!ELEMENT market.description (meta?, market.name,
    market.operator+, market.terms.pointer, service.set)>
<!ATTLIST market.description
    %common.attrib;
    %ttl.attrib;
>

<!ELEMENT market.name (#PCDATA)>
<!ATTLIST market.name
    %common.attrib;
>

<!ELEMENT market.operator (market.operator.name,
    market.participant.info.pointer)>
<!ATTLIST market.operator
    %common.attrib;
>

<!ELEMENT market.operator.name (#PCDATA)>
<!ATTLIST market.operator.name
    %common.attrib;
>

```

```

<!-- markpart.dtd Version: 0.8 -->
<!-- Purpose: groups market participant information -->
<!-- Terry Allen 17 Jan 1998 -->
<!-- Copyright 1998 CNgroup, Inc. -->

<!ENTITY % comments SYSTEM "comments.mod">
%comments;

<!ENTITY % who SYSTEM "who.mod">
%who;

<!ENTITY % addresso SYSTEM "addresso.mod">
%addresso;

<!ENTITY % servprim SYSTEM "servprim.mod">
%servprim;

<!ENTITY % pointers SYSTEM "pointers.mod">
%pointers;

<!ELEMENT market.participant.info (meta?, party.id, business.info,
    service.set+, financial.info?)>
<!ATTLIST market.participant.info
    %common.attrib;
    %ttl.attrib;
>

<!ELEMENT party.id (#PCDATA)>
<!ATTLIST party.id
    %common.attrib;
>

<!ELEMENT business.info (business.name, dba.name*, previous.name*,
    address.set, business.code*,
    company.superentities?, company.subentities?,
    company.affiliation?, contact*)>
<!ATTLIST company.info
    %common.attrib;
    %ttl.attrib;
>

<!ELEMENT business.code EMPTY>
<!ATTLIST business.code
    %common.attrib;
    code.type (naics | isic | jisx0403.code
        | duns | duns4 | market.assigned) #REQUIRED
>

<!ELEMENT business.name (%multilingual;)*>
<!ATTLIST business.name
    %common.attrib;
    schema:edifact CDATA #FIXED "organization"
>

<!ELEMENT dba.name (%multilingual;)*>
<!ATTLIST dba.name

```

```

    %common.attrib;
>

<!ELEMENT previous.name (%multilingual;)*>
<!ATTLIST previous.name
    %common.attrib;
>

<!ELEMENT company.superentities (superentity+)>
<!ATTLIST company.superentities
    %common.attrib;
>

<!ELEMENT company.subentities (subentity+)>
<!ATTLIST company.subentities
    %common.attrib;
>

<!ELEMENT company.affiliation (#PCDATA)>
<!ATTLIST company.affiliation
    %common.attrib;
>

<!ELEMENT superentity (company.name, company.info.pointer?,
    company.superentities?)>
<!ATTLIST superentity
    %common.attrib;
>

<!ELEMENT subentity (company.name, company.info.pointer?,
    company.subentities?)>
<!ATTLIST subentity
    %common.attrib;
>

<!ELEMENT financial.info (#PCDATA)>
<!ATTLIST financial.info
    %common.attrib;
>

```

```
<!-- measures.mod  Version:  0.22 -->
<!-- Purpose:  group measurement information primitives -->
<!-- Terry Allen  18 Oct 1997 -->
<!-- Copyright 1997 CNgroup, Inc. -->

<!-- to be filled out when you get your hands on ISO 31.
Want a range element, too.  -->

<!ELEMENT combined (%multilingual;)*>
<!-- ATTLIST combined
      %common.attrib;
-->
```

```

<!-- meta.mod   Version:  0.5 -->
<!-- Purpose:   group metainformation -->
<!-- Terry Allen  8 Nov 1997 -->
<!-- Copyright 1997 CNgroup, Inc. -->

<!ELEMENT meta (description?, urn?, url*, version?, time.created?,
               time.last.modified?)>
<!ATTLIST meta
    %common.attrib;
>

<!ELEMENT description (%multilingual;)*>
<!ATTLIST description
    %common.attrib;
>

<!ELEMENT version (%multilingual;)*>
<!ATTLIST version
    %common.attrib;
>

<!ELEMENT time.created (utc)>
<!ATTLIST time.created
    %common.attrib;
>

<!ELEMENT time.last.modified (utc)>
<!ATTLIST time.last.modified
    %common.attrib;
>

```

```
<!-- order.dtd Version: 0.8 -->
<!-- Purpose: describe an order -->
<!-- Terry Allen 17 Jan 1998 -->
<!-- Copyright 1998 CNgroup, Inc. -->

<!ENTITY % comments SYSTEM "comments.mod">
%comments;

<!ENTITY % charge SYSTEM "charge.mod">
%charge;

<!ENTITY % pay SYSTEM "pay.mod">
%pay;

<!ENTITY % shipment SYSTEM "shipment.mod">
%shipment;

<!ENTITY % address SYSTEM "addresso.mod">
%address;

<!ENTITY % pointers SYSTEM "pointers.mod">
%pointers;

<!ENTITY % transact SYSTEM "transact.mod">
%transact;

<!ELEMENT order (meta?, transaction.set)>
<!-- ATTLIST order
      %common.attrib;
      %ttl.attrib;
-->
```

```
<!-- ots.dtd Version: 0.8 -->
<!-- Purpose:  define basic Offer To Sell -->
<!-- Terry Allen 17 Jan 1998 -->
<!-- Copyright 1998 CNgroup, Inc. -->

<!ENTITY % comments SYSTEM "comments.mod">
%comments;

<!ENTITY % charge SYSTEM "charge.mod">
%charge;

<!ENTITY % pointers SYSTEM "pointers.mod">
%pointers;

<!ELEMENT offer.to.sell (meta?, offeror.pointer,
    xml.catalog.pointer)>
<!ATTLIST offer.to.sell
    %common.attrib;
    %ttl.attrib;
>
```



```

<!-- pay.mod   Version:  0.8  -->
<!-- Purpose:  group payment primitives -->
<!-- Terry Allen  17 Jan 1998 -->
<!-- Copyright 1998 CNgroup, Inc. -->

<!ENTITY % instrument.brand.attrib
    "instrument.brand    CDATA #IMPLIED"
>

<!ENTITY % instrument.number.attrib
    "instrument.number   CDATA #IMPLIED"
>

<!ENTITY % instrument.account.number.attrib
    "instrument.account.number CDATA #IMPLIED"
>

<!ENTITY % account.owner.name.attrib
    "account.owner.name   CDATA #IMPLIED"
>

<!ENTITY % issuer.name.attrib
    "issuer.name          CDATA #IMPLIED"
>

<!ENTITY % expiry.date.attrib
    "expiry.date          CDATA #IMPLIED"
>

<!ENTITY % currency.code.attrib
    "currency.code CDATA #REQUIRED"
>

<!ENTITY % instrument.details.attrib
    '%instrument.brand.attrib;
    %instrument.number.attrib;
    %instrument.account.number.attrib;
    %account.owner.name.attrib;
    %issuer.name.attrib;
    %expiry.date.attrib;
    %currency.code.attrib;'
>

<!ENTITY % payment.method.ent
    "cash | credit.card | debit.card
    | check | eurocheck | bank.wire.transfer
    | postal.wire.transfer | ecash"
>

<!ELEMENT payment.group (monetary.payment | nonmonetary.payment)+>
<!ATTLIST payment.group
    %common.attrib;
>

<!ELEMENT payment.method (%payment.method.ent;)>
<!ATTLIST payment.method

```

```

    %common.attrib;
  >

  <!--ELEMENT payment.set ((%payment.method.ent;), payment.group)>
  <!--ATTLIST payment.set
    %common.attrib;
  >

  <!--ELEMENT payment.method.set (%payment.method.ent;)+>
  <!--ATTLIST payment.method.set
    %common.attrib;
  >

  <!--ELEMENT cash EMPTY>
  <!--ATTLIST cash
    %currency.code.attrib;
  >

  <!--ELEMENT credit.card EMPTY>
  <!--ATTLIST credit.card
    %instrument.details.attrib;
  >

  <!--ELEMENT debit.card EMPTY>
  <!--ATTLIST debit.card
    %instrument.details.attrib;
  >

  <!--ELEMENT check EMPTY>
  <!--ATTLIST check
    %instrument.details.attrib;
  >

  <!--ELEMENT eurocheck EMPTY>
  <!--ATTLIST eurocheck
    %instrument.details.attrib;
  >

  <!--ELEMENT bank.wire.transfer EMPTY>
  <!--ATTLIST bank.wire.transfer
    %instrument.details.attrib;
    agent.name CDATA #REQUIRED
  >

  <!--ELEMENT postal.wire.transfer EMPTY>
  <!--ATTLIST postal.wire.transfer
    %instrument.details.attrib;
  >

  <!--ELEMENT ecash EMPTY>
  <!--ATTLIST ecash
    %instrument.details.attrib;
  >

  <!--ELEMENT monetary.payment (#PCDATA)>
  <!--ATTLIST monetary.payment
    schema:edifact CDATA #FIXED "currency"

```

```
    %currency.code.attrib;  
>  
  
<!--ELEMENT nonmonetary.payment (#PCDATA)-->  
<!--ATTLIST nonmonetary.payment  
    unit CDATA #REQUIRED  
    %issuer.name.attrib;  
>
```

```

<!-- paynoteo.dtd Version: 0.8 -->
<!-- Purpose:  describe a payment notice-->
<!-- Terry Allen 17 Jan 1998 -->
<!-- Copyright 1998 CNgroup, Inc. -->

<!ENTITY % comments SYSTEM "comments.mod">
%comments;

<!ENTITY % charge SYSTEM "charge.mod">
%charge;

<!ENTITY % pay SYSTEM "pay.mod">
%pay;

<!ENTITY % shipment SYSTEM "shipment.mod">
%shipment;

<!ENTITY % address SYSTEM "addresso.mod">
%address;

<!ENTITY % pointers SYSTEM "pointers.mod">
%pointers;

<!ELEMENT payment.notice (meta?, payment.set,
    payor.pointer, payee.pointer, date.and.time)>
<!-- ATTLIST payment.notice
    %common.attrib;
    %ttl.attrib;
-->

```

```

<!-- pointers.mod   Version:  0.8 -->
<!-- Purpose:  provide mostly various kinds of pointers -->
<!-- Terry Allen  17 Jan 1998 -->
<!-- Copyright 1998 CNgroup, Inc. -->

```

```

<!--ELEMENT authorization.info.pointer (%xll.or.urn;)>
<!--ATTLIST authorization.info.pointer
    %common.attrib;
    %xll.exlink.attrib;
    cblpointer CDATA #FIXED "content"
    target.dtd CDATA #FIXED "TBD"
>

```

```

<!--ELEMENT shipment.set.pointer (%xll.or.urn;)>
<!--ATTLIST shipment.set.pointer
    %common.attrib;
    %xll.exlink.attrib;
    cblpointer CDATA #FIXED "content"
    target.dtd CDATA #FIXED "TBD"
>

```

```

<!--ELEMENT shipment.method.set.pointer (%xll.or.urn;)>
<!--ATTLIST shipment.method.set.pointer
    %common.attrib;
    %xll.exlink.attrib;
    cblpointer CDATA #FIXED "content"
    target.dtd CDATA #FIXED "TBD"
>

```

```

<!--ELEMENT payment.method.set.pointer (%xll.or.urn;)>
<!--ATTLIST payment.method.set.pointer
    %common.attrib;
    %xll.exlink.attrib;
    cblpointer CDATA #FIXED "content"
    target.dtd CDATA #FIXED "TBD"
>

```

```

<!--ELEMENT catalog.entry.pointer (%xll.or.urn;)>
<!--ATTLIST catalog.entry.pointer
    %common.attrib;
    %xll.exlink.attrib;
    cblpointer CDATA #FIXED "content"
>

```

```

<!--ELEMENT product.description.pointer (%xll.or.urn;)>
<!--ATTLIST product.description.pointer
    %common.attrib;
    %xll.exlink.attrib;
    cblpointer CDATA #FIXED "content"
    target.dtd CDATA #FIXED "proddesc.dtd"
>

```

```

<!--ELEMENT xml.catalog.pointer (%xll.or.urn;)>
<!--ATTLIST xml.catalog.pointer
    %common.attrib;
    %xll.exlink.attrib;

```

```

    cblpointer CDATA #FIXED "content"
    target.dtd CDATA #FIXED "acatalog.dtd"
>

<!--ELEMENT market.participant.info.pointer (%xll.or.urn;)-->
<!--ATTLIST market.participant.info.pointer
    %common.attrib;
    %xll.exlink.attrib;
    cblpointer CDATA #FIXED "content"
    target.dtd CDATA #FIXED "markpart.dtd"
-->

<!--ELEMENT distributor.pointer (%xll.or.urn;)-->
<!--ATTLIST distributor.pointer
    %common.attrib;
    %xll.exlink.attrib;
    cblpointer CDATA #FIXED "content"
    target.dtd CDATA #FIXED "markpart.dtd"
-->

<!--ELEMENT manufacturer.pointer (%xll.or.urn;)-->
<!--ATTLIST manufacturer.pointer
    %common.attrib;
    %xll.exlink.attrib;
    cblpointer CDATA #FIXED "content"
    target.dtd CDATA #FIXED "markpart.dtd"
-->

<!--ELEMENT quote.requestor.pointer (%xll.or.urn;)-->
<!--ATTLIST quote.requestor.pointer
    %common.attrib;
    %xll.exlink.attrib;
    cblpointer CDATA #FIXED "content"
    target.dtd CDATA #FIXED "markpart.dtd"
-->

<!--ELEMENT offeror.pointer (%xll.or.urn;)-->
<!--ATTLIST offeror.pointer
    %common.attrib;
    %xll.exlink.attrib;
    cblpointer CDATA #FIXED "content"
    target.dtd CDATA #FIXED "markpart.dtd"
-->

<!--ELEMENT payor.pointer (%xll.or.urn;)-->
<!--ATTLIST payor.pointer
    %common.attrib;
    %xll.exlink.attrib;
    cblpointer CDATA #FIXED "content"
    target.dtd CDATA #FIXED "markpart.dtd"
-->

<!--ELEMENT payee.pointer (%xll.or.urn;)-->
<!--ATTLIST payee.pointer
    %common.attrib;
    %xll.exlink.attrib;
    cblpointer CDATA #FIXED "content"

```

```

    target.dtd CDATA    #FIXED    "markpart.dtd"
>

<!ELEMENT shopping.cart.operator.pointer (%xll.or.urn;)>
<!--ATTLIST shopping.cart.operator.pointer
    %common.attrib;
    %xll.exlink.attrib;
    cblpointer CDATA    #FIXED    "content"
    target.dtd CDATA    #FIXED    "markpart.dtd"
-->

<!ELEMENT shopping.cart.user.pointer (%xll.or.urn;)>
<!--ATTLIST shopping.cart.user.pointer
    %common.attrib;
    %xll.exlink.attrib;
    cblpointer CDATA    #FIXED    "content"
    target.dtd CDATA    #FIXED    "markpart.dtd"
-->

<!ELEMENT catalog.operator.pointer (%xll.or.urn;)>
<!--ATTLIST catalog.operator.pointer
    %common.attrib;
    %xll.exlink.attrib;
    cblpointer CDATA    #FIXED    "content"
    target.dtd CDATA    #FIXED    "markpart.dtd"
-->

<!ELEMENT company.info.pointer (%xll.or.urn;)>
<!--ATTLIST company.info.pointer
    %common.attrib;
    %xll.exlink.attrib;
    cblpointer CDATA    #FIXED    "outside"
-->

<!ELEMENT terms.of.use.pointer (%xll.or.urn;)>
<!--ATTLIST terms.of.use.pointer
    %common.attrib;
    cblpointer CDATA    #FIXED    "content"
-->

<!ELEMENT market.terms.pointer (%xll.or.urn;)>
<!--ATTLIST market.terms.pointer
    %common.attrib;
    cblpointer CDATA    #FIXED    "content"
-->

<!ELEMENT tpa.pointer (%xll.or.urn;)>
<!--ATTLIST tpa.pointer
    %common.attrib;
    cblpointer CDATA    #FIXED    "content"
-->

<!ELEMENT taxon.parent.pointer (%xll.or.urn;)>
<!--ATTLIST taxon.parent.pointer
    %common.attrib;
    cblpointer CDATA    #FIXED    "outside"
    target.dtd CDATA    #FIXED    "taxonomy.mod"
-->

```

```

>

<!ELEMENT taxon.child.pointer (%xll.or.urn;)>
<!-- ATTLIST taxon.child.pointer
      %common.attrib;
      cblpointer CDATA #FIXED "content"
      target.dtd CDATA #FIXED "taxonomy.mod"
-->

<!ELEMENT taxon.equiv.pointer (%xll.or.urn;)>
<!-- ATTLIST taxon.equiv.pointer
      %common.attrib;
      cblpointer CDATA #FIXED "content"
      target.dtd CDATA #FIXED "taxonomy.mod"
-->

<!ELEMENT taxon.pointer (%xll.or.urn;)>
<!-- ATTLIST taxon.pointer
      %common.attrib;
      cblpointer CDATA #FIXED "content"
      target.dtd CDATA #FIXED "taxonomy.mod"
-->

<!ELEMENT original.document.pointer (%xll.or.urn;)>
<!-- ATTLIST original.document.pointer
      %common.attrib;
      cblpointer CDATA #FIXED "outside"
-->

<!ELEMENT modified.document.pointer (%xll.or.urn;)>
<!-- ATTLIST modified.document.pointer
      %common.attrib;
      cblpointer CDATA #FIXED "outside"
-->

<!ELEMENT document.pointer (%xll.or.urn;)>
<!-- ATTLIST document.pointer
      %common.attrib;
      cblpointer CDATA #FIXED "outside"
-->

<!-- ELEMENT modification.set.pointer (%xll.or.urn;)>
<!-- ATTLIST modification.set.pointer<!-- proddesc.dtd Version: 0.8 -->
<!-- Purpose: provide simplest product description chunk -->
<!-- Terry Allen 17 Jan 1998 -->
<!-- Copyright 1998 CNgroup, Inc. -->

<!-- ENTITY % comments SYSTEM "comments.mod">
%comments;

<!-- ENTITY % pointers SYSTEM "pointers.mod">
%pointers;

<!-- ELEMENT product.description (meta?, product.brand?, product.line?,
      product.id*, product.name, taxon.pointer*, keyword.set,
      feature.set*, warranty?,
      text.description)>

```



```

<!--ATTLIST product.description
      %common.attrib;
      %ttl.attrib;
-->

<!--ELEMENT product.brand (%multilingual;)*>
<!--ATTLIST product.brand
      %common.attrib;
-->

<!--ELEMENT product.line (%multilingual;)*>
<!--ATTLIST product.line
      %common.attrib;
-->

<!--ELEMENT product.name (%multilingual;)*>
<!--ATTLIST product.name
      %common.attrib;
-->

<!--ELEMENT product.id (%multilingual;)*>
<!--ATTLIST product.id
      %common.attrib;
      %schema.name.attrib;
      %assigned.by.party.attrib;
-->

<!--ELEMENT keyword.set (keyword+)>
<!--ATTLIST keyword.set
      %common.attrib;
-->

<!--ELEMENT keyword (#PCDATA)>
<!--ATTLIST keyword
      %common.attrib;
      taxonomy CDATA #IMPLIED
-->

<!--ELEMENT feature.set ((feature | feature.set)+)>
<!--ATTLIST feature.set
      %common.attrib;
      conjunction (combination | alternatives) "alternatives"
      choice.constraint (single | multiple) "single"
-->

<!--ELEMENT feature (#PCDATA)>
<!--ATTLIST feature
      %common.attrib;
      taxonomy CDATA #IMPLIED
-->

<!--ELEMENT warranty (%multilingual;)*>
<!--ATTLIST warranty
      %common.attrib;
-->

```

```

<?xml version="1.0"?>
<!-- qcblcato.xml Version: 0.8 -->
<!-- Purpose: test file for cblcat.dtd -->
<!-- Terry Allen 17 Jan 1998 -->
<!-- Copyright 1998 CNgroup, Inc. -->

<!DOCTYPE cblcat SYSTEM "cblcat.dtd">
<cblcat>
<meta>
  <urn>
    URN:x-pi:ISBN%200-944940::test:delegated:cngroup:cbl.0.5%2F%2F2911001997.00013
  </urn>
  <version>version 1.0
  </version>
</meta>

<cblcat.entry.pointer>

<catalog.sysid>file:///c:\foo\bar\docbook.dtd
</catalog.sysid>
<urn>URN:fpi:-%2F%2FDavenport%2F%2FDTD DocBook V3.0%2F%2FEN
</urn>

</cblcat.entry.pointer>

</cblcat>

```

```

<?xml version="1.0"?>
<!-- qcomm.xml Version: 0.8 -->
<!-- Purpose: test file for command.dtd -->
<!-- Terry Allen 17 Jan 1998 -->
<!-- Copyright 1998 CNgroup, Inc. -->

<!DOCTYPE command.set SYSTEM "command.dtd">

<command.set>
<meta>
<urn>
URN:x-pi:ISBN%200-944940::test:delegated:cngroup:cbl.0.5%2F%2F2911001997.00008
</urn>
</meta>
    <register.document party="party-of-the-first-part"/>
<command.target>
    <urn.reference urnlink="URN:x-pi:ISBN%200-
944940::test:delegated:cngroup:cbl.0.5%2F%2F337001997.0001">Pointer to Taxonomy
example, qtaxo.xml
    </urn.reference>
</command.target>
</command.set>

```

```

<?xml version="1.0"?>
<!-- gentry.xml Version: 0.8 -->
<!-- Purpose: test file for catentry.dtd -->
<!-- Terry Allen 17 Jan 1998 -->
<!-- Copyright 1998 CNgroup, Inc. -->

<!DOCTYPE catalog.entry SYSTEM "catentry.dtd">
<catalog.entry>
<meta>
  <urn>URN:cbl:foo/bar/baz/boff
</urn>
</meta>
  <catalog.entry.id>4321
</catalog.entry.id>
<manufacturer.pointer ident="markpartner">
  <xll.locator urllink="markpart.xml">Pointer to
    the Market Participant Info
  </xll.locator>
</manufacturer.pointer>
<product.description.pointer>
  <urn.reference urnlink="URN:x-pi:ISBN%200-
944940::test:delegated:cngroup:cbl.0.5%2F%2F335001997.00001">pointer to product
description
  </urn.reference>
</product.description.pointer>
<shipment.set.pointer>
  <xll.locator urllink="shipment.xml">Pointer to
    Shipment Info
  </xll.locator>
</shipment.set.pointer>
<payment.method.set.pointer>
  <xll.locator urllink="payment.xml">Pointer to
    Payment Info
  </xll.locator>
</payment.method.set.pointer>
<charge.group>
<base.charge>
<payment.group>
  <monetary.payment currency.code="USD">50.00
  </monetary.payment>
</payment.group>
</base.charge>
</charge.group>
</catalog.entry>

```

```

<?xml version="1.0"?>
<!-- qfullcat.xml Version: 0.8 -->
<!-- Purpose: test file for acatalog.dtd -->
<!-- Terry Allen 17 Jan 1998 -->
<!-- Copyright 1998 CNgroup, Inc. -->

<!DOCTYPE catalog SYSTEM "acatalog.dtd">
<catalog>
<meta>
  <urn>URN:chl:foo/bar/baz/boff
</urn>
  <version>version 1.2.3.4.5
</version>
  <time.created>
    <utc>some utc string</utc>
  </time.created>
  <time.last.modified>
    <utc>some utc string</utc>
  </time.last.modified>
</meta>
  <catalog.operator.pointer ident="vendorfoo">
    <xll.locator urllink="http://markpart.xml">Pointer
      to Vendor Info
    </xll.locator>
  </catalog.operator.pointer>
  <payment.method.set.pointer>
    <xll.locator urllink="http://payment.xml">Pointer to
      Payment Info
    </xll.locator>
  </payment.method.set.pointer>
  <shipment.method.set.pointer>
    <xll.locator urllink="http://shipment.xml">Pointer to
      Shipment Info
    </xll.locator>
  </shipment.method.set.pointer>
  <catalog.entry.pointer>
    <xll.locator urllink="http://catentry1.xml">Pointer to a
      Catalog Entry
    </xll.locator>
  </catalog.entry.pointer>
  <catalog.entry.pointer>
    <xll.locator urllink="http://catentry2.xml">Pointer to a
      Catalog Entry
    </xll.locator>
  </catalog.entry.pointer>
  <catalog.entry.pointer>
    <xll.locator urllink="http://catentry3.xml">Pointer to a
      Catalog Entry
    </xll.locator>
  </catalog.entry.pointer>
</catalog>

```

```

<?xml version="1.0"?>
<!-- qq.xml Version: 0.8 -->
<!-- Purpose: test file for guide.dtd -->
<!-- Terry Allen 17 Jan 1998 -->
<!-- Copyright 1998 CNgroup, Inc. -->

<!DOCTYPE guide SYSTEM "guide.dtd">

<guide>
<meta>
<urn>
URN:x-pi:ISBN%200-944940::test:delegated:cngroup:cbl.0.5%2F%2F2911001997.00001
</urn>
</meta>

<negotiation.step party="intermediary">
<modify party="party-of-the-first-part">
    <modification.set.pointer>
        <urn.reference urnlink="URN:x-pi:ISBN%200-
944940::test:delegated:cngroup:cbl.0.5%2F%2F2911001997.00004">Pointer
            to modification set, which includes
            pointer to original doc
        </urn.reference>
    </modification.set.pointer>
</modify>
</negotiation.step>

    <process.model><!-- describes a set of documents, some
        already exchanged, others yet to do -->

<!-- first, the customer sent an order, which is a document both
parties now have on hand, but which does not appear in
these examples -->

    <order.component party="party-of-the-second-part">
        <document.pointer>
            <urn.reference urnlink="URN:x-pi:ISBN%200-
944940::test:delegated:cngroup:cbl.0.5%2F%2F2911001997.00007">Pointer
                to Original Order
            </urn.reference>
        </document.pointer>
    </order.component>

<!-- now, the vendor is sending back the order, revised, because the items
ordered are not in stock, but similar items are -->

    <order.component party="party-of-the-first-part">
        <document.pointer>
            <urn.reference urnlink="URN:x-pi:ISBN%200-
944940::test:delegated:cngroup:cbl.0.5%2F%2F2911001997.00005">Pointer
                to Revised Order (qord.xml, which I haven't
                bothered to revise to
                match the modifications, but is a placeholder)
            </urn.reference>
        </document.pointer>
    </order.component>

```

```

    </order.component>

<!-- that's the state of play right now, says the vendor -->

    <we.are.here party="party-of-the-first-part"/>

<!-- the vendor expects that the customer will agree to the revised order,
    or make some other revision, and send back another order that will
    be acceptable, as the next step -->

    <order.component party="party-of-the-second-part">
        </order.component>

<!-- then the vendor will send an invoice -->

    <invoice.component party="party-of-the-first-part">
        </invoice.component>

<!-- the next step is that the customer will pay, and
    both customer and vendor will receive notice from the bank-->

    <payment.notice.component party="some-other-party-like-a-bank"
        ident="paymoney">
        <originating.party>
        <market.participant.info.pointer ident="whoitis">
            <xll.locator urllink="foo">
                </xll.locator>
            </market.participant.info.pointer>
        </originating.party>
        <receiving.party>
        <market.participant.info.pointer ident="whoitis2">
            <xll.locator urllink="goo">
                </xll.locator>
            </market.participant.info.pointer>
        </receiving.party>
        <receiving.party>
        <market.participant.info.pointer ident="whoitis3">
            <xll.locator urllink="hoo">
                </xll.locator>
            </market.participant.info.pointer>
        </receiving.party>
    </payment.notice.component>

<!-- the vendor will confirm receipt of payment notice and notify of
    shipment, as a group of actions -->

    <cbl.component.group party="party-of-the-first-part">
        <confirm.component party="party-of-the-first-part"
            confirming="paymoney">
            </confirm.component>
        <shipment.notice.component party="party-of-the-first-part"
            ident="shipno">
            </shipment.notice.component>
    </cbl.component.group>

<!-- the customer will acknowledge receipt of shipment notice, and that's
    the end of the transaction negotiation insofar as the two parties

```

```
are jointly concerned, unless something goes wrong -->  
  
    <confirm.component party="party-of-the-second-part"  
        confirming="shipno">  
        </confirm.component>  
  
    </process.model>  
</guide>
```



```

<?xml version="1.0"?>
<!-- qinfo.xml Version: 0.8 -->
<!-- Purpose: test file for irequest.dtd -->
<!-- Terry Allen 17 Jan 1998 -->
<!-- Copyright 1998 CNgroup, Inc. -->

<!DOCTYPE request.for.info SYSTEM "irequest.dtd">
<request.for.info>
  <return.scope scope="resource"/>
  <resource.type mime.type="Application/XML"/>
  <return.quantity quantity="all"/>
<info.description.set>
<info.description>
  <xml.descriptor>
    <doctype>
      <dtd publicid="-//CNgroup//DTD CBL vendinfo.dtd version 0.1//EN"/>
    </doctype>
    <xml.descriptor.details>
      <xml.descriptor.context xll.link.traverse="all.recurse"/>
      <xll.xptr.frag>DESCENDANT(ALL,catalog)</xll.xptr.frag>
    </xml.descriptor.details>
  </xml.descriptor>
</info.description>
<and/>
<info.description>
  <xml.descriptor>
    <doctype>
      <dtd publicid="-//CNgroup//DTD CBL vendinfo.dtd version 0.1//EN"/>
    </doctype>
    <xml.descriptor.details>
      <xml.descriptor.context xll.link.traverse="all.recurse"/>
      <xll.xptr.frag>DESCENDANT(ALL,catalogue)</xll.xptr.frag>
    </xml.descriptor.details>
  </xml.descriptor>
</info.description>
</info.description.set>
</request.for.info>

```

```

<?xml version="1.0"?>
<!-- qinvoice.xml Version: 0.8 -->
<!-- Purpose: test file for invoiceo.dtd -->
<!-- Terry Allen 17 Jan 1998 -->
<!-- Copyright 1998 CNgroup, Inc. -->

<!DOCTYPE invoice SYSTEM "invoiceo.dtd">
<invoice>
<meta>
  <urn>URN:cbl:foo/bar/baz/boff
</urn>
</meta>
<transaction.set>
<transaction>
  <transaction.id assigned.by.party="party-of-the-first-part">FRT876
</transaction.id>
  <market.participant.info.pointer ident="party-of-the-first-part">
    <xll.locator urllink="http://personall.xml">1st Part
      Info Pointer
    </xll.locator>
  </market.participant.info.pointer>
  <market.participant.info.pointer ident="party-of-the-second-part">
    <xll.locator urllink="http://personal2.xml">2nd Part
      Info Pointer
    </xll.locator>
  </market.participant.info.pointer>
  <exchange.description from.party="party-of-the-first-part"
to.party="party-of-the-second-part">
<commerce.item>
<retail.catalog.item.ordered>
  <catalog.entry.pointer>
    <xll.locator urllink="http://catentry.xml">Catalogue
      Entry Pointer
    </xll.locator>
  </catalog.entry.pointer>
  <catalog.entry.id>foo
</catalog.entry.id>
  <quantity.ordered>one dozen
</quantity.ordered>
</retail.catalog.item.ordered>
  <charge.group>
    <base.charge>
  </base.charge>
  <payment.group>
    <monetary.payment currency.code="USD">10
  </monetary.payment>
</payment.group>
  </charge.group>
</commerce.item>
<shipment.coordinates.set>
<shipment.coordinates>
  <shipment.method>Carter's Careful Cartage
</shipment.method>
  <shipment.markings>Do Not Drop
</shipment.markings>
  <shipment.acceptance>

```

```

        <destination/>
    </shipment.acceptance>
    <delivery.date>
        <date.calendar>24.02.98
        </date.calendar>
    </delivery.date>
</shipment.coordinates>
</shipment.coordinates.set>
    <payment.set><cash currency.code="USD"/>
    <payment.group>
        <monetary.payment currency.code="USD">10
        </monetary.payment>
    </payment.group>
</payment.set>
</exchange.description>
<exchange.description from.party="party-of-the-second-part"
to.party="party-of-the-first-part">
<commerce.item>
<retail.catalog.item.ordered>
    <catalog.entry.pointer>
        <xll.locator urllink="http://catentry.xml">Catalogue
        Entry Pointer
        </xll.locator>
    </catalog.entry.pointer>
    <catalog.entry.id>baz
    </catalog.entry.id>
    <quantity.ordered>one dozen
    </quantity.ordered>
</retail.catalog.item.ordered>
    <charge.group>
        <base.charge>
    <payment.group>
        <monetary.payment currency.code="USD">10
        </monetary.payment>
    </payment.group>
    </base.charge>
    </charge.group>
</commerce.item>
<shipment.coordinates.set>
<shipment.coordinates>
    <shipment.method>Carter's Careful Cartage
    </shipment.method>
    <shipment.markings>Do Not Drop
    </shipment.markings>
    <shipment.acceptance>
        <destination/>
    </shipment.acceptance>
    <delivery.date>
        <date.calendar>24.02.98
        </date.calendar>
    </delivery.date>
</shipment.coordinates>
</shipment.coordinates.set>
    <payment.set>
    <cash currency.code="USD"/>
    <payment.group>
        <monetary.payment currency.code="USD">10

```

```
        </monetary.payment>
    </payment.group>
</payment.set>
</exchange.description>
</transaction>
</transaction.set>
</invoice>
```

```
<?xml version="1.0"?>
<!-- qmani.xml Version: 0.8 -->
<!-- Purpose: test file for manifest.dtd -->
<!-- Terry Allen 17 Jan 1998 -->
<!-- Copyright 1998 CNgroup, Inc. -->

<!DOCTYPE manifest SYSTEM "manifest.dtd">
<manifest>
  <mime.docentity.pointer
    cidofpart="red"/>
  <mime.other.entity.pointer
    cidofpart="blue"/>
  <mime.other.entity.pointer
    cidofpart="yellow"/>
  <mime.other.entity.pointer
    cidofpart="orange"/>
  <mime.other.entity.pointer
    cidofpart="green"/>
</manifest>
```

```

<?xml version="1.0"?>
<!-- qmark.xml Version: 0.8 -->
<!-- Purpose: test file for markpart.dtd -->
<!-- Terry Allen 17 Jan 1998-->
<!-- Copyright 1998 CNgroup, Inc. -->

<!DOCTYPE market.participant.info SYSTEM "markpart.dtd">
<market.participant.info>
<party.id>CBL:IBM
</party.id>
  <business.info>
    <business.name>IBM
    </business.name>
    <address.set>

      <physical.address>
        <location.in.street>1
        </location.in.street>
        <street>Old Orchard Road
        </street>
        <city>Armonk
        </city>
        <country.subentity.us>NY</country.subentity.us>
        <postcode>10504
        </postcode>
        <country>US</country>
      </physical.address>
      <telephone>
        <telephone.number>(914) 499-1900
        </telephone.number>
      </telephone>
    </address.set>
  </business.info>
  <service.set>
    <service>
      <service.name>Order Fulfillment
      </service.name>
      <service.type service.type.name="fulfillment.service"/>
      <service.function.sequence>
        <service.function>
          <doctype to.party="IBM">order.dtd</doctype>
        </service.function>
      </service.function.sequence>
      <service.location.pointer>
        <xll.locator urllink="http://www.ibm.com/orders.xml">Send Orders Here
        </xll.locator>
      </service.location.pointer>
    </service>
  </service.set>
  <contact>
    <contact.function>Approves Purchase Orders
    </contact.function>
    <personal.name>Pam Potter-Ricco
    </personal.name>
    <occupation.title>PO Associate
    </occupation.title>
    <address.set>
      <physical.address>

```

```
<location.in.street>1
</location.in.street>
<street>Old Orchard Road
</street>
<city>Armonk
</city>
<country.subentity.us>NY</country.subentity.us>
<postcode>10504
</postcode>
<country>US</country>
</physical.address>
<telephone>
  <telephone.number>123-456-7890
</telephone.number>
</telephone>
<fax>123-456-7889
</fax>
<email>ppr@ibm.com
</email>
</address.set>
</contact>
  </service>
</service.set>
</market.participant.info>
```

```

<!-- qmdesc.xml Version: 0.8 -->
<!-- Purpose: test file for markdesc.dtd -->
<!-- Terry Allen 17 Jan 1998 -->
<!-- Copyright 1998 CNgroup, Inc. -->

<!DOCTYPE market.description SYSTEM "markdesc.dtd">

<market.description>
<market.name>Online Furniture Alliance
</market.name>
<market.operator>
<market.operator.name>Horsehair Padding Partners
</market.operator.name>

<market.participant.info.pointer ident="turkey">
<xll.locator urllink="http://www.ofa.com/horsehair.xml">Pointer to
Info on Horsehair
</xll.locator>
</market.participant.info.pointer>
</market.operator>
<market.terms.pointer>
<xll.locator urllink="http://www.ofa.com/terms.xml">Pointer to Terms
</xll.locator>
</market.terms.pointer>
  <service.set>
    <service>
      <service.name>Order Fulfillment
      </service.name>
      <service.type service.type.name="fulfillment.service"/>
      <service.function.sequence>
        <service.function>
          <doctype to.party="IBM">order.dtd</doctype>
        </service.function>
      </service.function.sequence>
      <service.location.pointer>
<xll.locator urllink="http://www.ibm.com/orders.xml">Send Orders Here
      </xll.locator>
    </service.location.pointer>
    <contact>
      <contact.function>Approves Purchase Orders
      </contact.function>
      <personal.name>Pam Potter-Ricco
      </personal.name>
      <occupation.title>PO Associate
      </occupation.title>
      <address.set>
        <physical.address>
          <location.in.street>1
          </location.in.street>
          <street>Old Orchard Road
          </street>
          <city>Armonk
          </city>
          <country.subentity.us>NY</country.subentity.us>
          <postcode>10504
          </postcode>
        </physical.address>
      </address.set>
    </contact>
  </service.set>
</market.description>

```



```
    <country>US</country>
  </physical.address>
  <telephone>
    <telephone.number>123-456-7890
  </telephone.number>
</telephone>
<fax>123-456-7889
</fax>
<email>ppr@ibm.com
</email>
</address.set>
</contact>
  </service>
</service.set>

</market.description>
```

```

<?xml version="1.0"?>
<!-- gord.xml Version: 0.8 -->
<!-- Purpose: test file for order.dtd -->
<!-- Terry Allen 17 Jan 1998 -->
<!-- Copyright 1998 CNgroup, Inc. -->

<!DOCTYPE order SYSTEM "order.dtd">
<order>
<meta>
  <urn>
URN:x-pi:ISBN%200-944940::test:delegated:cngroup:cb1.0.5%2F%2F2911001997.00005
  </urn>
</meta>
<transaction.set>
<transaction>
  <transaction.id assigned.by.party="party-of-the-first-part">FRT876
  </transaction.id>
  <market.participant.info.pointer>
    <xll.locator urllink="http://personal.xml">Customer
    Info Pointer
    </xll.locator>
  </market.participant.info.pointer>
  <market.participant.info.pointer>
    <xll.locator urllink="http://vendor.xml">Vendor
    Info Pointer
    </xll.locator>
  </market.participant.info.pointer>
  <exchange.description from.party="party-of-the-first-part"
to.party="party-of-the-second-part">
<commerce.item>
<retail.catalog.item.ordered>
  <catalog.entry.pointer>
    <xll.locator urllink="http://catentry.xml">Catalog
    Entry Pointer
    </xll.locator>
  </catalog.entry.pointer>
  <catalog.entry.id>4321
  </catalog.entry.id>
  <quantity.ordered>one dozen
  </quantity.ordered>
</retail.catalog.item.ordered>
  <charge.group>
    <base.charge>
  <payment.group>
    <monetary.payment currency.code="USD">10
    </monetary.payment>
  </payment.group>
    </base.charge>
  </charge.group>
</commerce.item>
<shipment.coordinates.set>
<shipment.coordinates>
  <shipment.method>Carter's Careful Cartage
  </shipment.method>
  <shipment.markings>Do Not Drop
  </shipment.markings>

```

```

    <shipment.acceptance>
      <destination/>
    </shipment.acceptance>
    <delivery.date>
      <date.calendar>24.02.98
    </date.calendar>
    </delivery.date>
  </shipment.coordinates>
</shipment.coordinates.set>
  <payment.set>
    <cash currency.code="USD"/>
    <payment.group>
      <monetary.payment currency.code="USD">10
    </monetary.payment>
    </payment.group>
  </payment.set>
</exchange.description>
<exchange.description from.party="party-of-the-second-part"
to.party="party-of-the-first-part">
<commerce.item>
<retail.catalog.item.ordered>
  <catalog.entry.pointer>
    <xll.locator urllink="http://catentry.xml">Catalog
      Entry Pointer
    </xll.locator>
  </catalog.entry.pointer>
  <catalog.entry.id>87654
</catalog.entry.id>
  <quantity.ordered>one dozen
</quantity.ordered>
</retail.catalog.item.ordered>
  <charge.group>
    <base.charge>
  </base.charge>
  <payment.group>
    <monetary.payment currency.code="USD">10
  </monetary.payment>
  </payment.group>
</charge.group>
</commerce.item>
<shipment.coordinates.set>
<shipment.coordinates>
  <shipment.method>Carter's Careful Cartage
</shipment.method>
  <shipment.markings>Do Not Drop
</shipment.markings>
  <shipment.acceptance>
    <destination/>
  </shipment.acceptance>
  <delivery.date>
    <date.calendar>24.02.98
  </date.calendar>
  </delivery.date>
</shipment.coordinates>
</shipment.coordinates.set>
  <payment.set><cash currency.code="USD"/>
  <payment.group>

```

```
        <monetary.payment currency.code="USD">10
      </monetary.payment>
    </payment.group>
  </payment.set>
</exchange.description>
</transaction>
</transaction.set>
</order>
```

```
<?xml version="1.0"?>
<!-- qots.xml Version: 0.8 -->
<!-- Purpose: test file for ots.dtd -->
<!-- Terry Allen 17 Jan 1998 -->
<!-- Copyright 1998 CNgroup, Inc. -->

<!DOCTYPE offer.to.sell SYSTEM "ots.dtd">

<offer.to.sell>
<meta>
  <urn>
    URN:cbl:foo
  </urn>
</meta>
  <offeror.pointer>
    <xll.locator urlink="foobar.xml">Link to
      Customer Contact Info &
    </xll.locator>
  </offeror.pointer>
  <xml.catalog.pointer>
    <xll.locator urlink="foobaz.xml">Link to
      XML Catalogue of Items Offered for Sale
    </xll.locator>
  </xml.catalog.pointer>
</offer.to.sell>
```

```

<?xml version="1.0"?>
<!-- qpay.xml Version: 0.8 -->
<!-- Purpose: test file for paynoteo.dtd -->
<!-- Terry Allen 17 Jan 1998 -->
<!-- Copyright 1998 CNgroup, Inc. -->

<!DOCTYPE payment.notice SYSTEM "paynoteo.dtd">

<payment.notice>
<meta>
  <urn>URN:cbl:foo/bar/baz/boff
</urn>
</meta>
<payment.set>
<cash currency.code="USD"/>
<payment.group>
<monetary.payment currency.code="USD">50.00
</monetary.payment>
</payment.group>
</payment.set>
<payor.pointer>
<xll.locator urllink="foo">loose text
</xll.locator>
</payor.pointer>
<payee.pointer>
<xll.locator urllink="bar">loose text
</xll.locator>
</payee.pointer>
<date.and.time>199710121034
</date.and.time>
</payment.notice>

```

```

<?xml version="1.0"?>
<!-- qprod.xml Version: 0.8 -->
<!-- Purpose: test file for proddesc.dtd -->
<!-- Terry Allen 17 Jan 1998 -->
<!-- Copyright 1998 CNgroup, Inc. -->

<!DOCTYPE product.description SYSTEM "proddesc.dtd">
<product.description>
<meta>
  <urn>URN:cbl:foo/bar/baz/boff
</urn>
  <version>version 1.2.3.4.5
</version>
  <time.created>
    <utc>199711021016</utc>
  </time.created>
  <time.last.modified>
    <utc>199711021153</utc>
  </time.last.modified>
</meta>
  <product.id assigned.by.party="CNGROUP">ID123
</product.id>
<product.name>Rest-your-Foot
</product.name>
<taxon.pointer>
  <urn.reference urnlink="URN:x-pi:ISBN%200-
944940::test:delegated:cngroup:cbl.0.5%2F%2F335001997.00001">pointer to taxon
describing this item
  </urn.reference>
</taxon.pointer>
<keyword.set>
  <keyword>ottoman</keyword> </keyword.set>
<feature.set>
  <feature>wood
  </feature>
  <feature>iron
  </feature>
  <feature>kapok
  </feature>
  <feature>silk
  </feature>
</feature.set>
  <text.description>One great product
</text.description>
</product.description>

```

```
<?xml version="1.0"?>
<!-- gresp.xml Version: 0.2 -->
<!-- Purpose: test file for response.dtd -->
<!-- Terry Allen 5 Oct 1997 -->
<!-- Copyright 1997 CNgroup, Inc. -->

<!DOCTYPE response SYSTEM "response.dtd">

<response>
  <input.pointer>
    <xll.locator urllink="yourquery.xml">
      </xll.locator>
    </input.pointer>
    <error.response type="returntype.mismatch"/>
    <record.pointer>
      <xll.locator urllink="record1.xml">
        </xll.locator>
      </record.pointer>
      <record.pointer>
        <xll.locator urllink="record2.xml">
          </xll.locator>
        </record.pointer>
      </record.pointer>
    </response>
```



```

<?xml version="1.0"?>
<!-- grfq.xml Version: 0.8 -->
<!-- Purpose: test file for rfq.dtd -->
<!-- Terry Allen 17 Jan 1998 -->
<!-- Copyright 1998 CNgroup, Inc. -->

<!DOCTYPE request.for.quote SYSTEM "rfq.dtd">

<request.for.quote>
<meta>
  <urn>URN:cbl:foo/bar/baz/boff
</urn>
</meta>
  <quote.requestor.pointer>
    <xll.locator urllink="foobar.xml">Link to
      Customer Contact Info
    </xll.locator>
  </quote.requestor.pointer>
  <desideratum>
    <catalog.entry.pointer>
      <xll.locator urllink="http://catentry.xml">Catalog
        Entry Pointer
      </xll.locator>
    </catalog.entry.pointer>
    <catalog.entry.id>4321
    </catalog.entry.id>
    <quantity.desired>one dozen
    </quantity.desired>
    <charge.range>
      <minimum>
        <payment.group>
          <monetary.payment currency.code="USD">20
          </monetary.payment>
        </payment.group>
      </minimum>
      <maximum>
        <payment.group>
          <monetary.payment currency.code="USD">70
          </monetary.payment>
        </payment.group>
      </maximum>
    </charge.range>
  </desideratum>
</request.for.quote>

```

```

<?xml version="1.0"?>
<!-- qsched.xml Version: 0.8 -->
<!-- Purpose: test file for schedule.dtd -->
<!-- Terry Allen 17 Jan 1998 -->
<!-- Copyright 1998 CNgroup, Inc. -->

<!DOCTYPE schedule SYSTEM "schedule.dtd">
<schedule>
<meta>
  <urn>URN:cbl:foo/bar/baz/boff
</urn>
</meta>
  <event>
    <event.name>XML and P2000 Blowout
    </event.name>
    <event.type>entertainment::party
    </event.type>
    <event.start>
      <date.and.time>19971001T1800
    </date.and.time>
    </event.start>
    <event.end>
      <date.and.time>19971002T0200
    </date.and.time>
    </event.end>
    <event.duration>
      <duration>P8H
    </duration>
    </event.duration>
    <recurs>weekly
    </recurs>
    <arrive.before>
      <duration>P0H
    </duration>
    </arrive.before>
    <availability>yes
    </availability>
    <location>
      <at>
        <address.set>
          <physical.address>
            <location.in.street>123
          </location.in.street>
          <street>Noriega
          </street>
          <city>San Francisco
          </city>
          </physical.address>
        </address.set>
      </at>
    </location>
    <payload>Single malt, press release
    </payload>
    <text.description>Bob
      Invites You to His Party
    </text.description>
  </event>

```

```
</event>  
</schedule>
```